

GRAPHICAL CODE READER HAVING ILLUMINATION LEDS OF DIFFERENT WAVELENGTHS

ABSTRACT OF THE DISCLOSURE

A graphical code reader is disclosed. The graphical code reader includes an infrared light-emitting diode and a red light-emitting diode. The graphical code reader also includes an image sensor. A lens is positioned to focus reflected light on the image sensor. The graphical code reader also includes a processor and memory in electronic communication with the processor. Instructions are stored in the memory. The instructions are executable by the processor to implement a method that involves illuminating the infrared light-emitting diode at an infrared illumination intensity level and illuminating the red light-emitting diode at a red illumination intensity level. The method also involves capturing a digital image for processing. The digital image is an electronic representation of an optical image formed on the image sensor. The method also involves processing the digital image to attempt to decode a graphical code within the digital image.

Docket No.: 3271.2.22